

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 6821   | 709/227-229.ccls.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/04/25 16:34 |
| L2    | 833285 | Hitachi.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/25 16:34 |
| L3    | 4037   | 709/225-226.ccls.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/04/25 16:34 |
| L4    | 1670   | 709/245.ccls.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/04/25 16:34 |
| L5    | 2      | (Osafune and Kitai and Shibata and Tanaka).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/25 16:34 |
| L13   | 53     | (address\$2 near2 translat\$3) near10 (isp\$1 (internet adj service adj provider\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR               | OFF     | 2006/04/25 16:34 |
| S1    | 1      | "20030065787".did.  | US-PGPUB  | OR               | OFF     | 2005/03/10 14:11 |
| S2    | 800914 | Hitachi.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/25 16:34 |
| S3    | 2      | (Osafune and Kitai and Shibata and Tanaka).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/11/16 16:25 |
| S8    | 1      | "6006272".pn.   | USPAT   | OR               | OFF     | 2005/03/10 14:01 |
| S15   | 27420  | isp (internet adj service adj provider)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>IBM_TDB                  | OR               | OFF     | 2005/03/10 14:13 |
| S19   | 5105   | connect\$4 near3 S15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>IBM_TDB                  | OR               | OFF     | 2005/03/10 14:15 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S20 | 1349 | S19 same (ip (interet adj protocol) address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>IBM_TDB      | OR | OFF | 2005/03/10 14:16 |
| S21 | 458  | S20 and "709".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>IBM_TDB      | OR | OFF | 2005/03/10 14:16 |
| S25 | 4497 | 709/227,229.ccls.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/11/16 16:24 |
| S26 | 3155 | 709/225-226.ccls.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/04/25 16:34 |
| S27 | 1375 | 709/245.ccls.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/04/25 16:34 |
| S28 | 8004 | S25 S26 S27   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/10 14:17 |
| S29 | 185  | S20 and S28   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/10 14:44 |
| S32 | 7    | ("6603758" "20010019557"<br>"6657991" "6396845" "6023724"<br>"6697862" "6073178").did.      | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/11/14 11:22 |
| S38 | 48   | (address\$2 near2 translat\$3) near10<br>(isp\$1 (internet adj service adj<br>provider\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/04/25 16:34 |
| S39 | 9425 | 709/225-229,245.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/07/06 09:34 |
| S41 | 2    | (local adj ip adj network\$1) near10<br>(switching adj center\$1)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/07/06 12:26 |
| S42 | 206  | (edge adj router\$1).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/07/06 12:27 |
| S43 | 66   | ((edge adj router\$1) same IP).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/07/06 12:27 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S44 | 1      | ((edge adj router\$1) same IP same ISP\$1).ab.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/07/06 12:28 |
| S45 | 56     | ((edge adj router\$1) same IP same ISP\$1)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/07/06 12:28 |
| S46 | 4      | ((edge adj router\$1) same IP same (packet adj filter\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/07/06 12:29 |
| S47 | 1      | "6243754".pn.  | USPAT   | OR | OFF | 2005/07/06 13:21 |
| S49 | 3      | ("6490289").URPN.  | USPAT   | OR | OFF | 2005/11/09 12:17 |
| S50 | 821100 | Hitachi.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:31 |
| S51 | 3595   | sso (single adj sign adj on)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:41 |
| S52 | 229    | S51.ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:31 |
| S53 | 9      | S51 same (isp isps (internet adj service adj provider\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:36 |
| S54 | 20     | S51 same (isp isps (service adj provider\$1))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:36 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S55 | 24    | S51 same (nat (address adj translation))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:42 |
| S56 | 0     | S51 same ((private internal) near5 (ip adj address\$1))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:42 |
| S57 | 1     | S51 same ((public external) near5 (ip adj address\$1))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/10 15:42 |
| S58 | 1     | "20030065787".did.   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/14 11:48 |
| S60 | 3595  | sso (single adj sign adj on)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:21 |
| S61 | 11    | S60.ti.  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/14 12:17 |
| S66 | 797   | single adj (sign-on (sign adj on) signon)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:26 |
| S67 | 99    | S66.ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:23 |
| S68 | 16007 | ((user adj (id ids name\$1)) username\$1) near3 (password\$1 (pass adj word\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:38 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S69 | 0    | S67 same correspond\$3 same S68                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:25 |
| S70 | 2    | S66 same correspond\$3 same S68                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:25 |
| S71 | 4139 | (single adj (sign-on (sign adj on) signon)) sso          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:26 |
| S72 | 226  | S71 same S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:41 |
| S73 | 3    | S72 same (lookup (look\$3 adj up) look-up correspond\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:27 |
| S74 | 0    | (S68 near5 correspond\$3) same S60                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:41 |
| S75 | 0    | (S68 near10 correspond\$3) same S60                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:41 |
| S76 | 204  | S66 same S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 14:59 |

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|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S77 | 5  | S76.ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 12:41 |
| S78 | 5  | S76 same prox\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 15:11 |
| S79 | 30 | S66 same prox\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 15:15 |
| S80 | 7  | prox\$3 near5 (maintain\$3 save\$1 saving) near5 (S68 credential\$1 (authenticat\$3 adj information))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 15:16 |
| S81 | 2  | S71 and S80   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/14 15:16 |
| S84 | 16 | (isp (internet adj service adj provider\$1)) same (ppp point-to-point (point adj to adj point)) same (timeout\$1 time-out\$1 (tim\$3 adj out))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/11/16 15:34 |
| S85 | 5  | (isp (internet adj service adj provider\$1)) same ((ppp point-to-point (point adj to adj point)) near5 (timeout\$1 time-out\$1 (tim\$3 adj out))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/11/16 15:31 |
| S86 | 2  | (isp (internet adj service adj provider\$1)) same (ppp point-to-point (point adj to adj point)) same (predetermined near5 time)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/11/16 15:35 |
| S87 | 4  | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) near3 (predetermined near5 tim\$4))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2005/11/16 15:36 |

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|      |      |   |   |    |     |                  |
|------|------|---|---|----|-----|------------------|
| S88  | 2    | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) near10 (disconnect\$5 near5 tim\$4))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 15:37 |
| S89  | 7    | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) same (disconnect\$5 near10 tim\$4))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 15:54 |
| S90  | 2    | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) same (idle predetermined) same (disconnect\$5 near10 tim\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 15:54 |
| S91  | 46   | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) same (idle predetermined) same (disconnect\$5))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 15:56 |
| S92  | 7    | (isp (internet adj service adj provider\$1)) same ((ppp point-to-point (point adj to adj point)) same (idle predetermined) same (disconnect\$5))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 15:56 |
| S94  | 27   | (isp (internet adj service adj provider\$1)) and ((ppp point-to-point (point adj to adj point)) same ((idle predetermined) near5 disconnect\$5))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 16:06 |
| S95  | 11   | (isp (internet adj service adj provider\$1)) same ((idle predetermined) near5 disconnect\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 16:01 |
| S96  | 13   | (isp (internet adj service adj provider\$1) dsl) same ((idle predetermined) near5 disconnect\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 16:02 |
| S97  | 2    | (dsl) same ((idle predetermined) near5 disconnect\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/11/16 16:02 |
| S99  | 5179 | 709/227,229.ccls.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/04/25 16:34 |
| S100 | 3677 | 709/225-226.ccls.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/11/16 16:24 |

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|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S10<br>1 | 1564   | 709/245.ccls.                                  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/16 16:25 |
| S10<br>2 | 821460 | Hitachi.as.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 16:25 |
| S10<br>3 | 2      | (Osafune and Kitai and Shibata and Tanaka).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/25 16:34 |
| S10<br>4 | 2      | "20030065787".did.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/24 14:16 |
| S10<br>5 | 2      | "20030065787".did. and enterprise\$1           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/24 14:16 |
| S10<br>6 | 1      | "20030187965".did.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2006/04/25 13:17 |